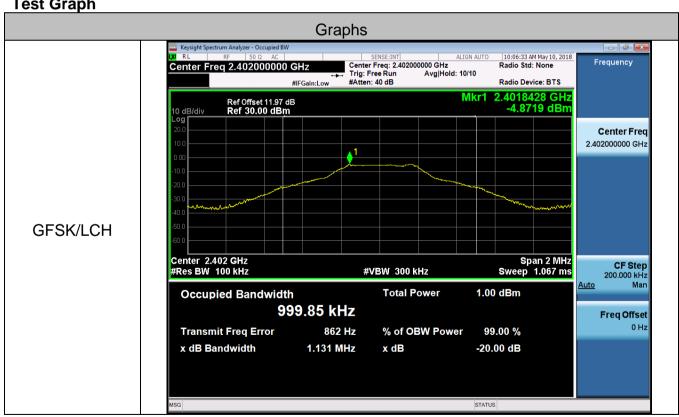
## **Environmental Conditions**

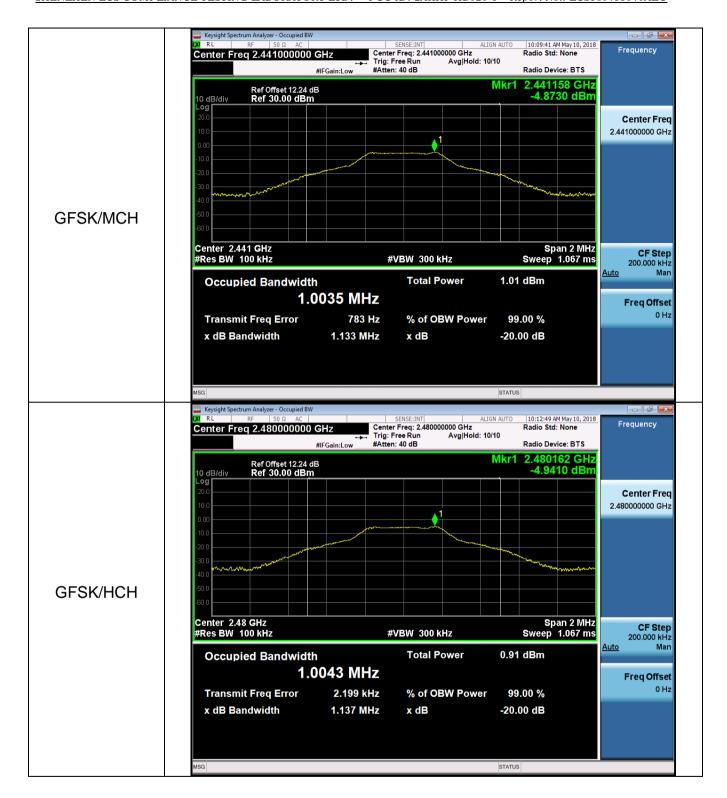
Temperature:	22.9 ° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Mina.xu
Supervised by:	Tom.Liu

# Appendix A): 20dB Bandwidth

### **Test Result**

Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	1.131	Not Specified	PASS
GFSK	MCH	1.133	Not Specified	PASS
	НСН	1.137	Not Specified	PASS

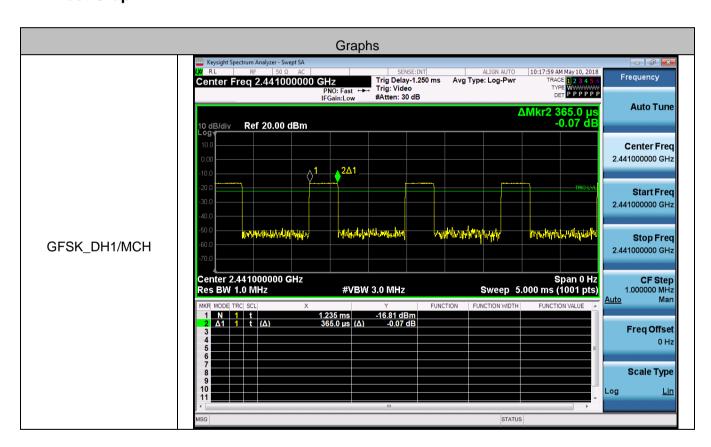


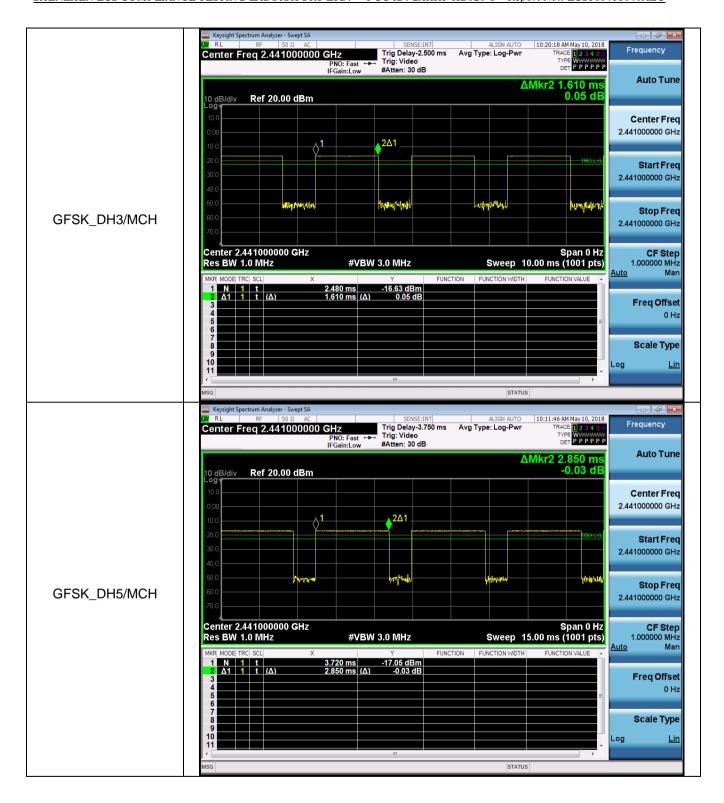


# Appendix B): Dwell Time

### **Result Table**

Mode	Packet	Chann el	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdic t
GFSK	DH1	MCH	0.37	320	0.118	0.4	PASS
GFSK	DH3	MCH	1.61	160	0.258	0.4	PASS
GFSK	DH5	МСН	2.85	106.7	0.304	0.4	PASS

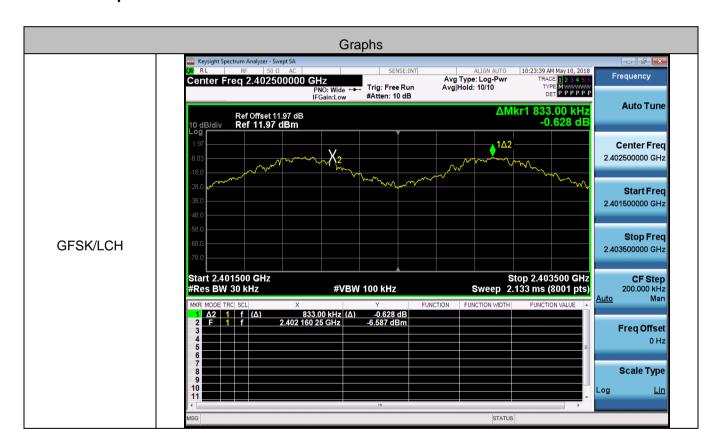




# **Appendix C): Carrier Frequency Separation**

### **Result Table**

Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz] 2/3*20dB Bandwidth	Verdict
	LCH	0.833	0.648	PASS
GFSK	MCH	0.955	0.678	PASS
	HCH	0.959	0.687	PASS

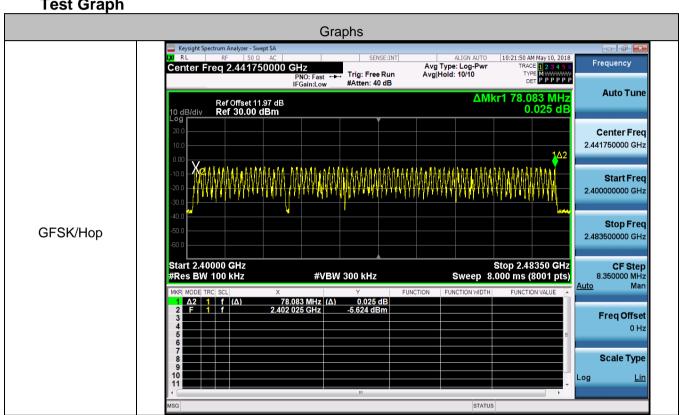




# **Appendix D): Hopping Channel Number**

#### **Result Table**

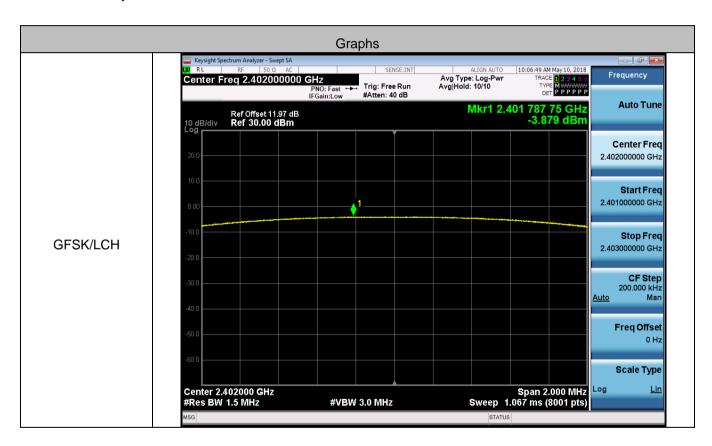
Mode	Channel.	Number of Hopping Channel	Verdict		
GFSK	Нор	79	PASS		

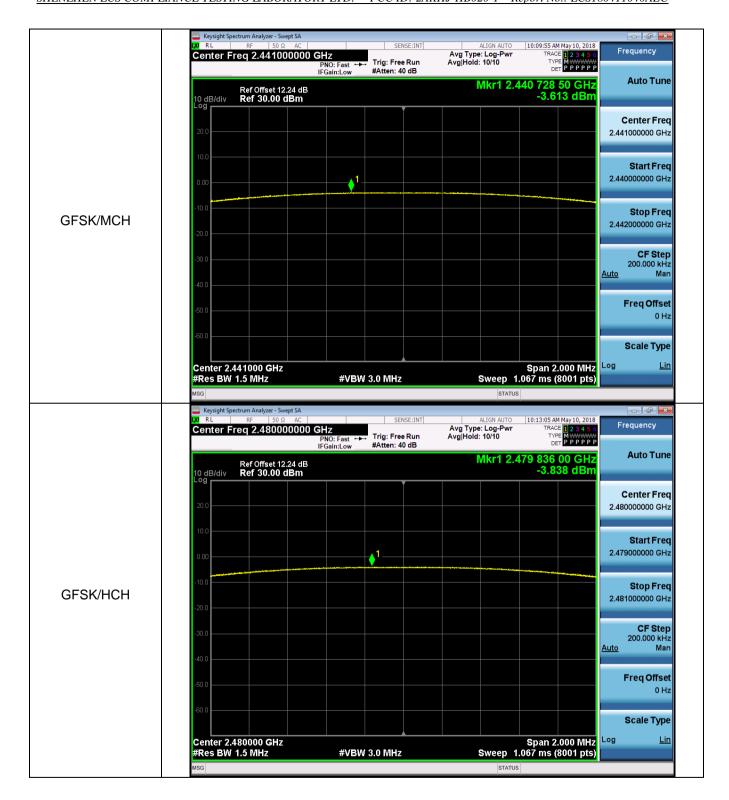


# **Appendix E): Conducted Peak Output Power**

### **Result Table**

Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	-3.879	21	PASS
GFSK	МСН	-3.613	21	PASS
	HCH	-3.838	21	PASS

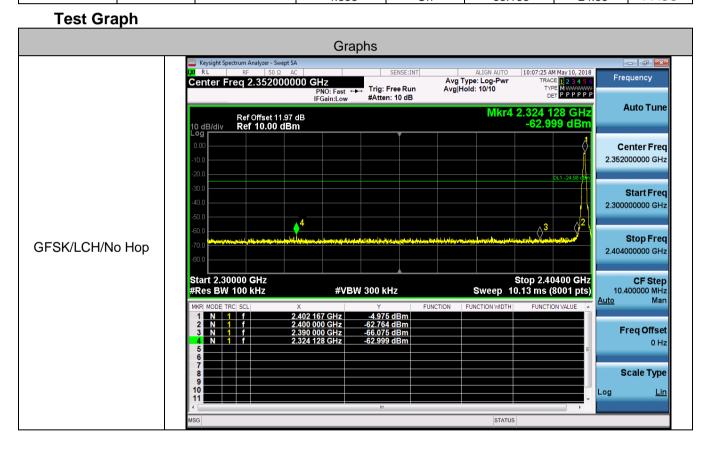


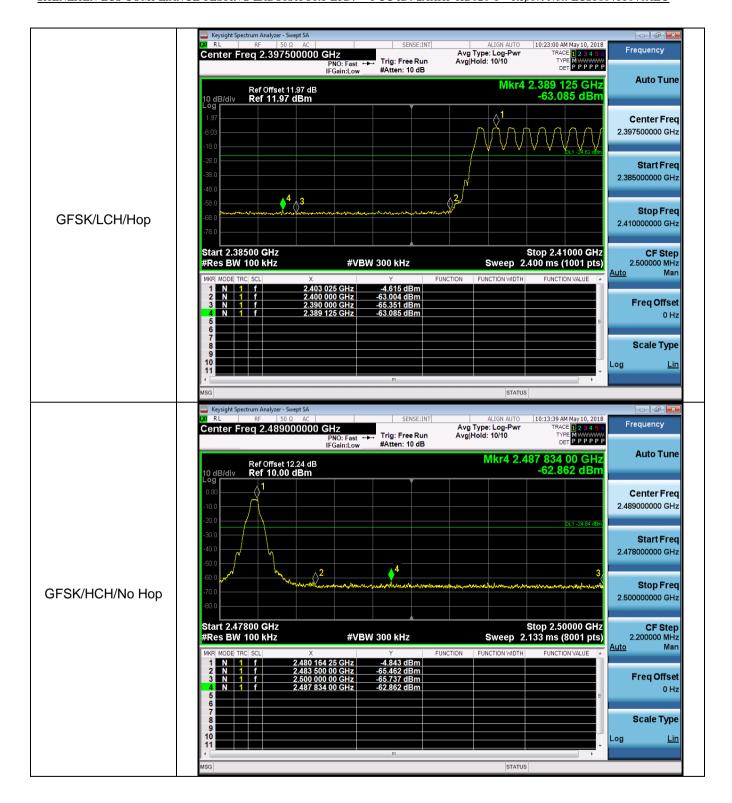


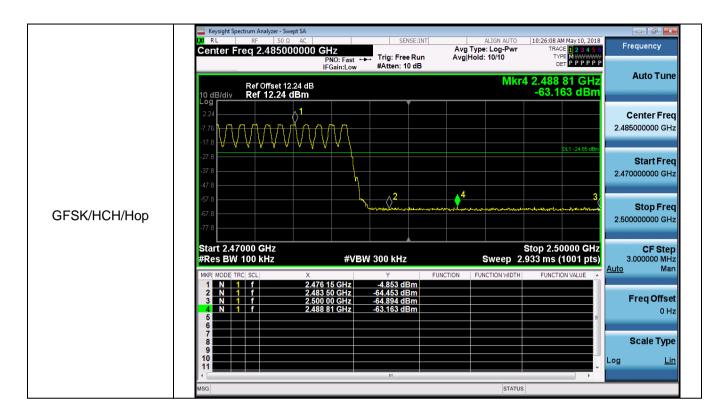
# Appendix F): Band-edge for RF Conducted Emissions

### **Result Table**

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequenc y Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict	
			-4.975	Off	-62.764	-24.98	PASS	
GFSK	GFSK LCH	LCH 2402	-4.615	On	-63.004	-24.62	PASS	
GFSK HCH		-4.843	Off	-62.862	-24.84	PASS		
	HCH	HCH	HCH 2480	2480	-4.853	On	-63.163	-24.85



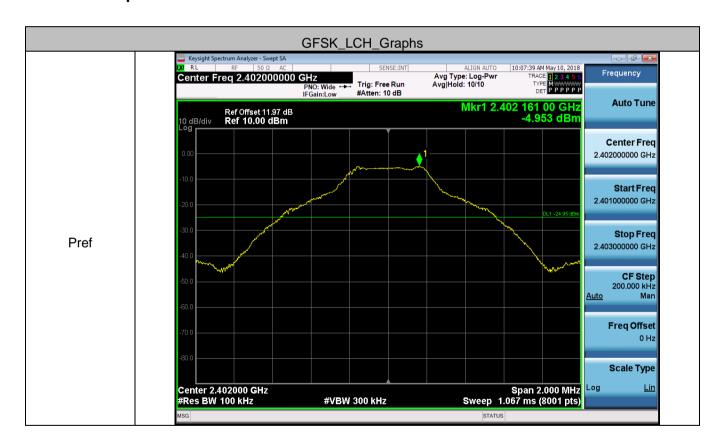


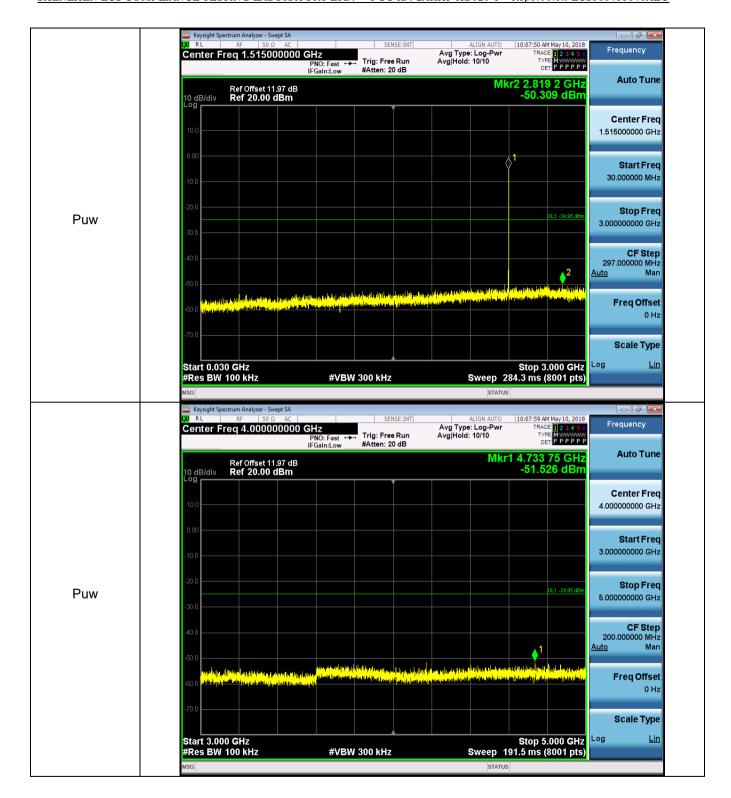


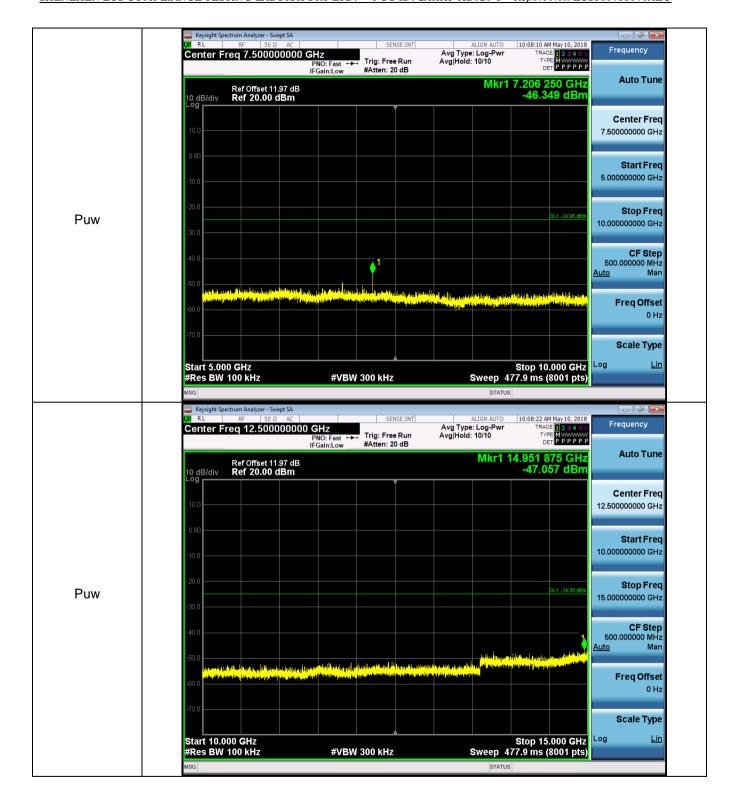
# **Appendix G): RF Conducted Spurious Emissions**

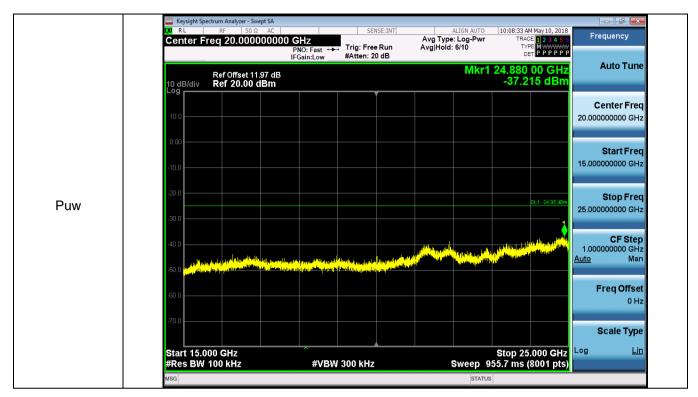
### **Result Table**

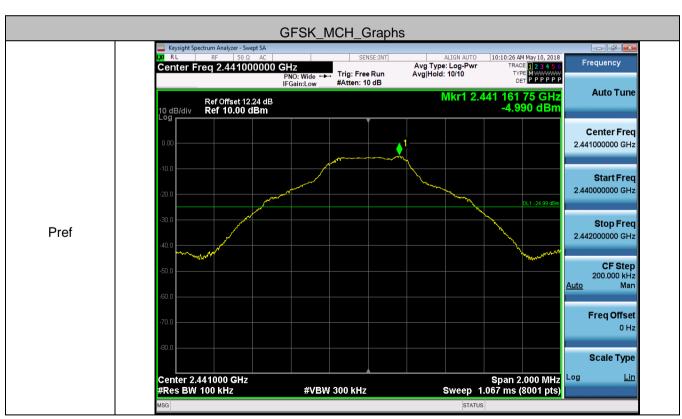
Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	-4.953	<limit< th=""><th>PASS</th></limit<>	PASS
GFSK	MCH	-4.99	<limit< td=""><td>PASS</td></limit<>	PASS
GFSK	HCH	-4.879	<limit< td=""><td>PASS</td></limit<>	PASS

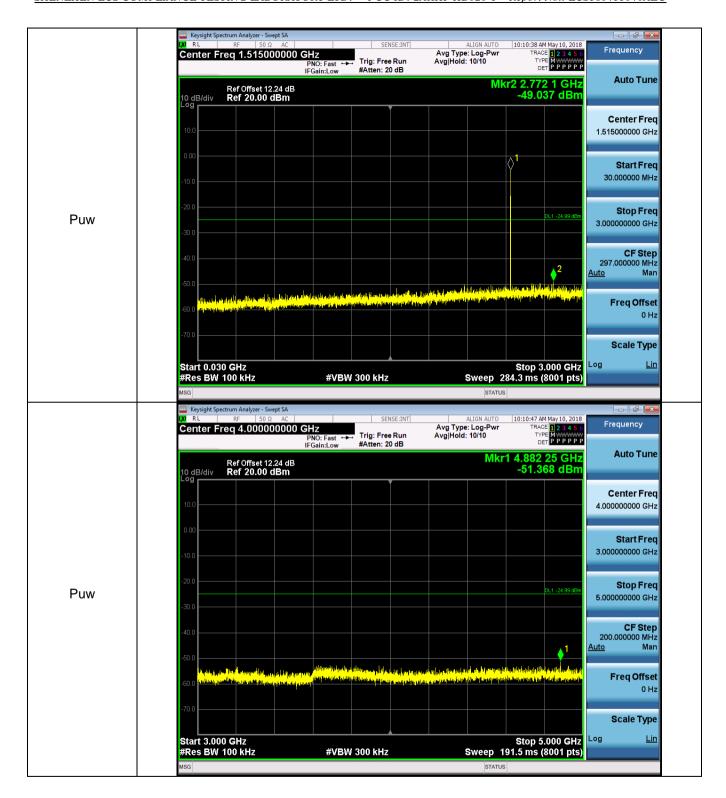


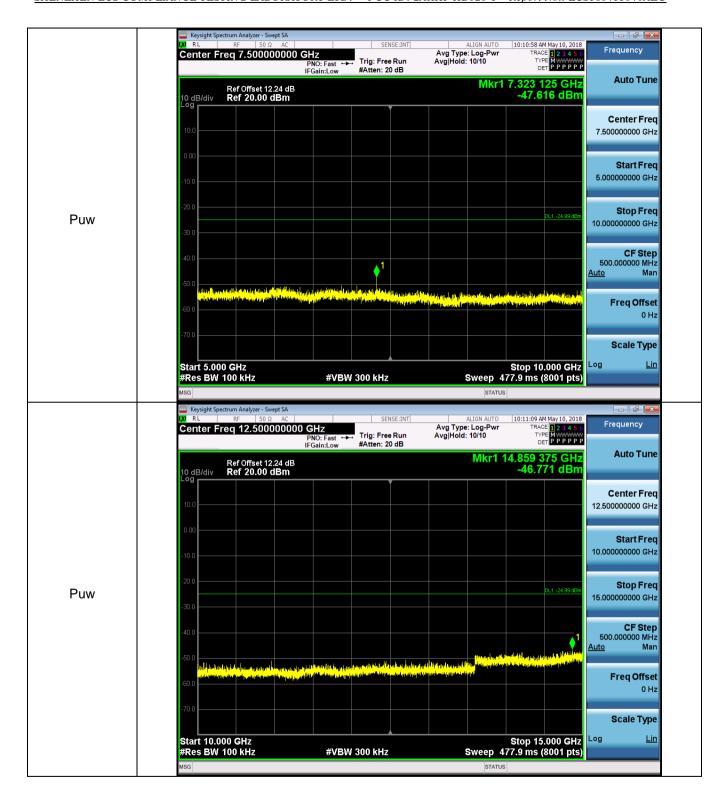




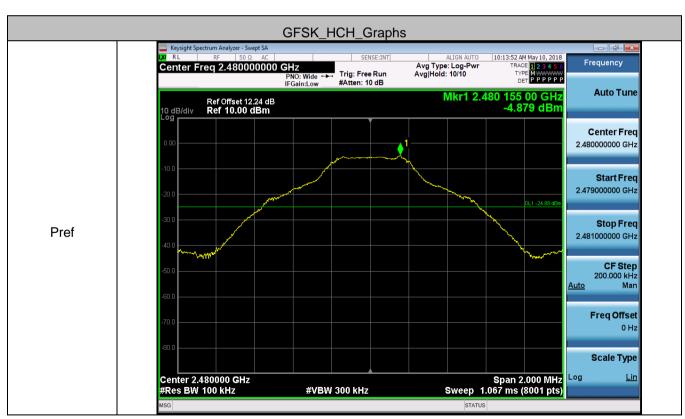


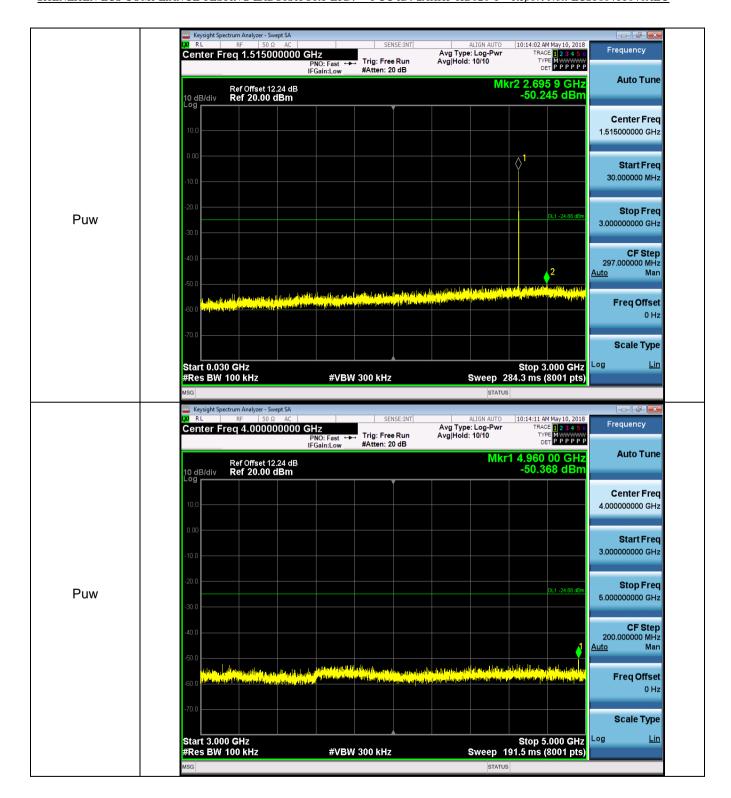


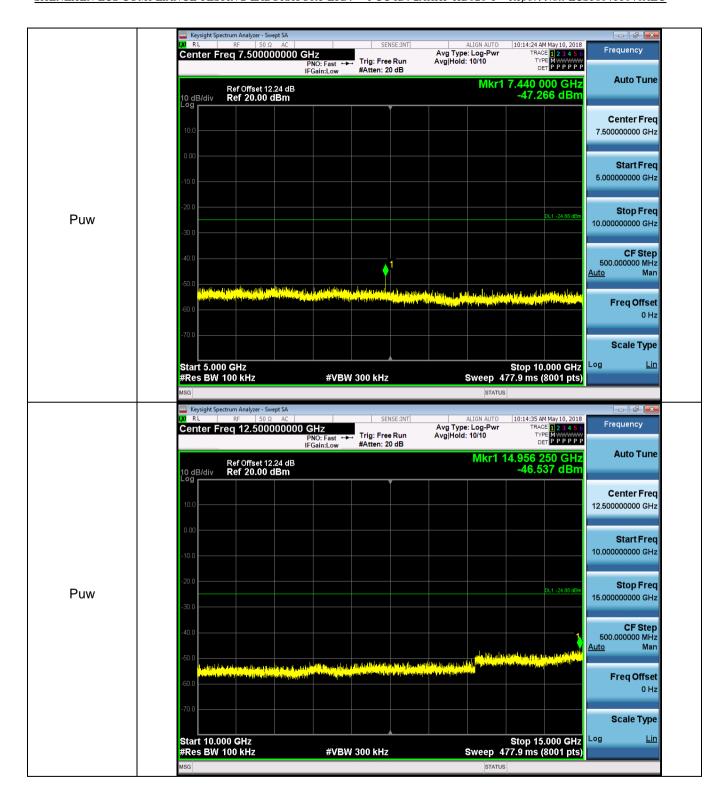


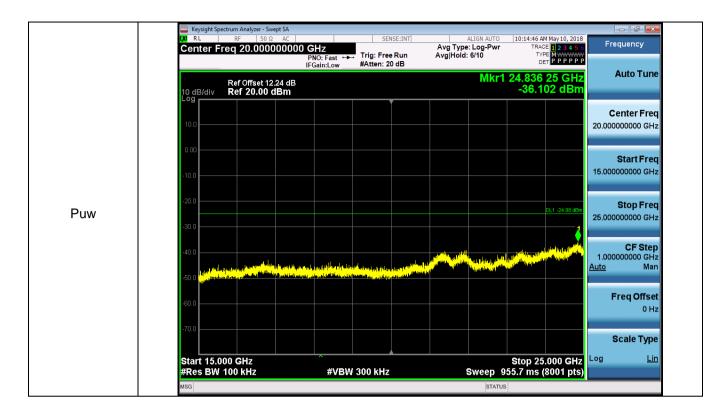












# . Appendix H):Restrict-band band-edge measurements

#### **Result Table**

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detect	Limit [dBuV/ m]	Verdi
GFSK_DH5	On	2368.6	-54.07	2.00	0	43.00	PEAK	74	PASS
GFSK_DH5	On	2388.1	-66.94	2.00	0	30.13	AV	54	PASS
GFSK_DH5	On	2390.0	-57.31	2.00	0	39.76	PEAK	74	PASS
GFSK_DH5	On	2390.0	-67.08	2.00	0	29.99	AV	54	PASS
GFSK_DH5	On	2483.5	-54.56	2.00	0	42.51	PEAK	74	PASS
GFSK_DH5	On	2483.5	-66.12	2.00	0	30.95	AV	54	PASS
GFSK_DH5	On	2500.0	-56.47	2.00	0	40.60	PEAK	74	PASS
GFSK_DH5	On	2500.0	-66.94	2.00	0	30.13	AV	54	PASS

